



# भारत का राजपत्र The Gazette of India

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No. 46]

NEW DELHI, SATURDAY, NOVEMBER 16, 1968 (KARTIKA 25, 1890)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 16th November 1968

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

26th October 1968

118292. Dr. M. R. Chivate and Shri R. C. Dikshit. A new process for the Separation of *o*-Nitrochlorobenzene and *p*-Nitrochlorobenzene by Extractive Crystallization.
118293. G. K. Sharma. Air-conditioning induction unit.
118294. Western Electric Company, Incorporated. Improvements in or relating to methods of making semiconductor devices. (18th April 1968).
118295. Fibreglass Limited. Improvements in or relating to alkoxysilanes. (1st November 1967).
118296. Fibreglass Limited. Improvements in or relating to alkoxysilanes. (1st November 1967).
118297. The Solartron Electronic Group Limited. Improvements in ramp type analogue to digital converters. (27th October 1967).
118298. Stone-Platt Crawley Limited. Improvements relating to electrical inverter apparatus. (27th October 1967).
118299. Farbwerke Hoechst Aktiengesellschaft vormals meister lucious & Bruning. Herbicidal preparations. [Divisional date 4th April 1967].
118300. R. S. Aggarwal. Improvements in or relating to pilfer-proof, gas-light and leak-proof closures for pressure packed bottles, nonpressure packed bottles and the like containers.

118301. Compagnie Pechiney. Process for the preparation of aluminium by reaction with mineral acids.
118302. Klockner-Humboldt-Deutz, Aktiengesellschaft. Corona discharge wire fastening. (26th July 1968).
118303. R. P. Sonnevile. Elastically yieldable rail fastener.
118304. H. T. Hadjikkolis. Transportation apparatus for bulk liquids.
118305. Bush Boake Allen Limited. Perfumery compositions. (30th October 1967).
118306. Colgate-Palmolive Company. Detergent bars.
118307. U. S. Padhey. Electrical three phase tripper attachment to starters for low load line current and unbalanced line current.
118308. Ashok Kumar Gupta. Improved design of cigarettes and the like devices to prevent their ash from falling.

28th October 1968

118309. Libbery-Owens-Ford Company. Bending mold.
118310. V. D. Roosa. Fuel injection nozzle and method for making same.
118311. CKD Praha, oborovy podnik. A terminal switch of a cable drum drive of a crane.
118312. Vsesojuzny gosudarstvenny proektno-izyskatelsky i nauchnoissledovatel'sky institut "Energosetproekt" Sevezo-Zapadnoe otdelenie. High voltage switch gear.
118313. Mrs. Janki Bharati. Process.
118314. Ciba Limited. Process for the manufacture of transparent coloured shaped structures based on regenerated cellulose with sparingly soluble organic dyestuffs.
118315. H. Ernault-Somua, Societe Anonyme. Machine-tools equipped with copying apparatus.

- 118316 Rocket Research Corporation Two stage inflation aspirator
- 118317 Boehringer Mannheim GMBH 2-amino-adenosine derivatives (22nd August 1968)
- 118318 Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek ten behoeve Van Nijverheid, Handel En Verkeer Improvements in or relating to pouring blocks
- 118319 Wright Anderson (South Africa) Limited, M J Barker and R Barker Improvements in the recovery of particular constituents from ores
- 118320 Ingenior Gunnar Schjelderup Industriovner Device for preheating of scrap iron (19th March 1968)
- 118321 Farbenfabriken Bayer Aktiengesellschaft Amidophosphoric acid phenyl esters
- 118322 Farbenfabriken Bayer Aktiengesellschaft Aryl-sulphonyl-semicarbazides containing heterocyclic acylamino groups
- 118323 Battelle Development Corporation Pressure feeding of castings
- 118324 P N Shivdasani and J N Shivdasani Manufacture of seamless pipes, tubing hollow shafting and like by a technique of creating hollow in a solid, filling the solid material by filler and plugging at both ends to be processed through conventional methods of forging rolling and drawing into seamless pipe as explained
- 118325 K K Varghese Improvements in or relating to closure for batteries, cells and the like  
29th October 1968
- 118326 Council of Scientific and Industrial Research, A new class of solvent for separation of pure aromatics or olefins
- 118327 Power Research Institute, A novel design circuit for portable lightning arrester field testing kit
- 118328 Mitsubishi Jukogyo Kabushiki Kaisha Multilayer pipe for pressure vessel
- 118329 P D Tekade The mechanism and the function of tekade mahui yantira
- 118330 Westinghouse Air Brake Company Air dryer and purge control unit
- 118331 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning Water insoluble benzoxanthene dicarboxylic acid imide dyestuffs and process for preparing them
- 118332 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning Water-insoluble monoazo dyestuffs and process for their preparation
- 118333 Asahi Kasei Kogyo Kabushiki Kaisha Apparatus for the guidance of filaments in the course of the funnel spinning process and adapted for easy exchange of filament wind up means
- 118334 Hepworth & Grandage Limited Centrifugal casting (30th October 1967)
- 118335 Simon-Carves Limited A process and apparatus for the treatment of coal for use in coke ovens or the like (31st October 1967)
- 118336 Associated Electrical Industries Limited Improvements relating to the electrode system of a three phase electric arc furnace (2nd November 1967)
- 118337 Chas Pfizer & Co, Inc Fermentation process for the production of citric acid
- 118338 J P Ward, C B Lake, M J Riback, G Henderon and F V Lockman Improvement in selected film velocity distillation
- 118339 Merck & Co Inc Process for the preparation of pyrazinoyl guanidines
- 118340 Sanloz Ltd Process for producing polyesters and shaped articles respectively made from these polyesters
- 118341 Schlumberger Overseas Sondes with articulated arms used in well logging
- 118342 Kaiser Aluminum & Chemical Corporation Device for cooling mill rolls
- 118343 L R Sperberg Method of controlling the durability simulating climatic conditions and control of oxidation rate in pneumatic tyres (30th October 1967)
- 118344 Pactide Corporation Apparatus for increasing the concentration of a less volatile liquid fraction in a mixture of liquids
- 118345 N V Philips Gloeilampenfabrieken Method and device for making curing silicon carbide  
3rd October 1968
- 118346 F H Huraphrey Elastomeric pump and check-valve (27th January 1968)
- 118347 L Singh Improvement in or relating to load bearing
- 118348 M E Chait Intra Uterine contraceptive devices.
- 118349 Ordena Trudovogo Krasnogo Znameni Zavod 'Avtoelektr' Device for manufacturing pipes from glass metal
- 118350 F Hoffman-La Roche & Co, Aktiengesellschaft Tetrahydroquinoline derivatives and process for the manufacture thereof (30th November 1967)
- 118351 The Wheelabrator Corporation Machine and method for cleaning sand castings and recovery of components
- 118352 Lt Col A R Gardner Improvements in or relating to cookers
- 118353 Rocket Research Corporation Improvements in generation of cool working fluids
- 118354 Ciba Limited Process for the manufacture of cycloalkano [c] pyrazoles
- 118355 Imperial Metal Industries (Kynoch) Limited Improvements relating to the protection of metals from tarnishing (6th November 1967)
- 118356 Halcon International, Inc Purification of boric acid
- 118357 Porous Plastics Limited Improvements in or relating to water vapour permeable flexible sheet materials (7th March 1966) [Divisional date 6th March 1967]
- 118358 Farbenfabriken Bayer Aktiengesellschaft A process for improving the stability of cis-1, 4-polyisoprene vulcanisates  
31st October 1968
- 118359 Council of Scientific & Industrial Research A modified process for producing copolymers of acrylonitrile butadiene and styrene [Addition to No 110920]
- 118360 G G Patel Improvements in or relating to burners for pressure stoves, blowlamps or the like apparatus
- 118361 Kaysen Engineering Works Improvements in or relating to tilting arrangement in table pedestal and air circulators
- 118362 Tevaco Development Corporation Chromatographic analysis
- 118363 Nauchno Issledovatel'skiy Institut Farmakologii i Khimioterapii Akad SSSR 10 (β-diethylamino)propyl 2-trifluoromethyl-pheno-thiazine hydrochloride application in J method of same
- 118364 P C Luthar Wheel flange lubricator
- 118365 Muany-gipari Kur'io Ialzet Process and an apparatus for the continuous production of flat or longitudinally profiled sheets from synthetic resins
- 118366 Kabushiki Kaisha Ichikim Kogyo Kaisha Apparatus for measuring the moisture content of a gaseous substance in a high temperature chamber
- 118367 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning Stabilized composition of polypropylene and asbestos

118368. N. V. Philips Gloeilampenfabrieken. Device comprising a transistor amplifier having an input amplifying stage and an output amplifying stage.
118369. N. V. Philips Gloeilampenfabrieken. Transmission device and associated transmitters and receivers for the transmission of synchronous pulse signals.
118370. Corning Glass Works. Glass-ceramic articles.
118371. Corning Glass Works. Glass-ceramic articles.
118372. Bose Corporation. Loudspeaker system.
118373. Miles Laboratories, Inc. Proteinaceous reagent and process for producing same.
118374. N. C. McCallum. An improved heavy duty sealed roller bearing for track-type tractors. (6th November 1967).
118375. The Kuljian Corporation (India) Private Limited. Improvements in or relating to disposal of materials.

1st November 1968

118376. Principal, Birla Institute of technology, Mesra, Ranchi, Bihar. Tapped Capacitor Winding with Main Winding reactance method of speed control of single phase capacitor run motors.
118377. Principal, Birla Institute of Technology, Mesra, Ranchi, Tapped capacitor winding with common reactance method of speed control of single phase capacitor run motors.
118378. Principal, Birla Institute of Technology, Mesra, Ranchi. Tapped capacitor winding with main winding and common reactance method of speed control of single phase capacitor run motors.
118379. Combustion Engineering, Inc. Flow divider for pneumatically conveyed stringy material.
118380. Siemens Aktiengesellschaft. Improvements in or relating to telecommunications cables.
118381. The Bengal Coal Company Limited. Bencol pick holders & picks.
118382. The Bengal Coal Company Limited. A sand stowing plant.
118383. E. L. Sumner. Combination centre punch and light chisel.
118384. E. L. Sumner. Earth boring rig.
118385. Agripat S. A. Process for the production of 3-indolyl-2-amino-propionitriles.
118386. Microgen Limited. An improved method for the housing and storage of microfilm.
118387. Aktiebolaget Bofors. Filler metal for welding of steel.
118388. The Bendix Corporation. Improvements in or relating to a fluid by-pass control mechanism.
118389. Agfa-Gevaert Aktiengesellschaft. A process for the production of silver halide dispersions.
118390. P. B. Samuels, E. C. Wood and R. G. LeVaux. Improvements in or relating to hemostatic clip constructions.
118391. International Nickel Limited. Cast Iron.
118392. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Steroids and process for the manufacture thereof.
118393. Ciba Limited. Process for the manufacture of new pyrimidine compounds.
118394. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dimeric steroid-21-alkyl-carbonates and process for their manufacture.
118395. L. Gibaudan & Cie Societe Anonyme. Odorants and process for the manufacture thereof.
118396. N. V. Philips Gloeilampenfabrieken. Semiconductor device and method of manufacturing same.

#### Alteration of Date

110458. Ante-dated to 2nd March 1967 under Section 5 of the Act.
116418. Ante-dated to 31st January 1967 under Section 5 of the Act.
117386. Ante-dated to 21st March 1967 under Section 5 of the Act.
116558. Ante-dated to 25th January 1967 under Section 5 of the Act.
117669. Ante-dated to 27th March 1967 under Section 5 of the Act.
117830. Ante-dated to 20th January 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

80789. Swift & Company. Improvements in or relating to proteolytic enzymes. (22nd December 1961). Accepted on 28th March 1965.

*An enzyme composition comprising proteolytic enzyme in aqueous solution, having an activity of 250—14,000 tyrosyl units per millilitre a ratio of tyrosyl units to total milk-clotting units of 55—100 and a ratio of tyrosyl units to available milk-clotting units of more than 200.*

80954. Maschinenfabrik Buckau R. Wolf A. G. Process and apparatus for the extraction of sugar out of crushed sugar cane. Accepted on 13th November 1964.

*Characterised in that the sugar cane is mashed in with sugar cane juice, remaining pith particles are removed from the fibre substances by whirling while the pith particles contained in the juice are separated in a separate operation and that the separated fibrous substances and the pith are separately fed from the sugar substances.*

84320. Manindra Mohan Chakrabarty and Hemendra Nath Basu. Improvements relating to hydrogenation of fatty oils. Accepted on 23rd April 1965.

*Characterized in that the hydrogenation is carried out with the aid of a secondary alcohol as the hydrogen donor and a nickel catalyst in a shaking type reaction vessel at a pressure of 180—190 p.s.i.g. and at a temperature of 245—250°C.*

84422. Aktiebolaget Separator. Method for rendering micro-organisms contained in liquids innocuous by heat treatment and device therefor. Accepted on 8th April 1965.

*Comprises cutting off flow of liquid to chamber, where the temperature of the liquid from zone drop below predetermined temperature, and flowing the liquid from zone to a second vacuum chamber, there removing steam condensate from the liquid and returning the liquid from second chamber to steam injection zone for reheating of the liquid.*

84465. Fmc Corporation. Manufacture of an aqueous foamable composition. Accepted on 22nd February 1965.

*Comprising mixing a foamable material and a propellant and maintaining the mixture under pressure greater than atmospheric characterized by adding to the mixture at least 1% by weight of the foamable material of disintegrated cellulose crystallite aggregates on aggregate derivatives.*

84697. J. R. Geigy A.-G. Stabilization of organic material with amides containing a substituted phenol group. Accepted on 27th May 1965.

*Comprises incorporating in the compounds an amount of 0.001 to 5% by weight of amide stabilizer containing a substituted phenol group.*

84819. The British Petroleum Company Limited. Process for the removal of straight chain hydrocarbons from petroleum fractions. Accepted on 8th December 1964.

*Cultivating a strain of yeast adapted to grow on hydrocarbons, in presence of petroleum fraction consisting hydrocarbons, aqueous nutrient medium and in presence of a gas containing free oxygen.*

85089. Massey-Ferguson Services N. V. Method and machine for preparing wafers of hay. Accepted on 20th January 1965.

*Pressing the hay by successive applications of force opposite the cell intrances thereby compacting the hay in to and through the cells.*

108601. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of coating substrates by evaporation-deposition, especially in the manufacture of semiconductor devices and substrates provided with such coatings. Accepted on 26th September 1968.

*The substance to be deposited is introduced into a crucible with an aperture, in which crucible the substance is melted, the molten substance flowing through the aperture over the surface of a heated wire near the aperture and serving as an evaporator, the substrates to be coated being exposed to the vapour evolved.*

108909. The British Petroleum Company Limited. Solvent extraction process. (9th February 1966). Accepted on 17th October 1968.

*Byextracting the contaminated solid material with a mixture of an alcohol and azeotrope forming hydrocarbon being employed at a ratio by volume within the range 30 : 70 to 70 : 30.*

108928. M. Sawhney. A device for the unloading of materials, such as sugarcane from a vehicle. Accepted on 18th October 1968.

*Comprising closure, suitable material, means provided for opening and closing the closure a housing.*

108929. M. Sawhney. A device for the unloading of materials, such as sugarcane from a vehicle. Accepted on 18th October 1968.

*Comprising a main frame, arm means forming and lower arm a drive roller means, endless belt engaging means.*

108958. E. I. du Pont de Nemours and Company. Composition for increasing the sugar content of sugar containing crop. Accepted on 22nd October 1968.

*Comprises ureidooxy catalytic acids and carrier therefor*

108962. Nippon Kakoh Seishi K. K. Method of producing synthetic paper. Accepted on 22nd October 1968.

*Reacting characterised in (1) forming swollen layer on thermoplastic synthetic resin film using at least two single or multicomponent swelling bath having dissimilar swelling actions, (2) drying treated film to retain moist swollen layer, (3) Gently compacting or squeezing and coagulating the film surface.*

108965. Sri J. Panda. Optical instrument for measuring distance of an object. Accepted on 22nd October 1968.

*Comprising a barrel having at one end a telescope with an eye piece and at the opposite end an inclinably disposed mirror at an angle of  $450^\circ$  to the horizontal axis of the barrel, a second rotatable mirror being provided within the barrel adjacent the inner end of the telescope, means for turning or rotating the second mirror through a small angle and means for rotating the second rotatable mirror.*

108966. Sri J. Panda. Bicycle outfit for deriving power from the revolving tyre. Accepted on 22nd October 1968.

*Comprising a rigid inverted T-shaped stand with a hook emerging to the right, a clamp further below on the same stand at the appropriate height, a three sided horizontal rectangular frame with the two open ends, a Z-shaped shaft with one end inserted in two holes at the front right corner of the rectangular frame.*

109034. Eli Lilly and Company. Process for preparing benzimidazoles, products produced thereby, and herbicidal compositions comprising the benzimidazoles. Accepted on 25th October 1968.

*Comprises refluxing aqueous trifluoroacetic acid with 3-nitro-5-trifluoromethyl-o-phenylenediamine etc.*

109039. K. Rajagopalan. Folding portable hair dryer. [Addition to No. 107544]. Accepted on 25th October 1968.

*Comprising a domeshaped hood, an outer casing, an inner perforate shell, an air chamber and a heated air inlet to said air chamber and having an opening at one end, a base housing adapted to fit over said hood opening.*

109041. J. M. Voith GMBH. Pipe branch piece for pressure pipelines of large diameter, especially for water power plants. Accepted on 25th October 1968.

*Characterized in that the cut-out in the sphere for at least one branch pipe is placed in such a position that its axis 6 passes through the centre of the sphere, forming one acute angle  $\alpha$  which faces away from the inflow, the angle  $\beta$  of the axis of the cut-out for the ring reinforcement 8 with the main pipe being greater than branch angle  $\alpha$  of the branching pipe relative to this main pipe axis, and that the difference angle  $\beta - \alpha$  between the axis of the cut-out of the sphere and the axis of the branch pipe is compensated in the region of the corresponding ring reinforcement.*

109065. Warner - Lambert Pharmaceutical Company. Preparation of pyridines from olefins. Accepted on 28th October 1968.

*Comprises in passing the mixture of O or O-containing gases and olefins in vapor phase over a condensation catalyst, introducing  $\text{NH}_3$  into the reaction mixture and contacting it with a pyridine condensation catalyst.*

109071. Moline Machine Company Limited. Improvements in or relating to machine tools. (28th January 1966). Accepted on 28th October 1968.

*Comprises a rotatable workpiece holder, means to cause said holder to move in two orthogonal directions so that the geometric centre of the workpiece can move to and remain in each and every point of a finite cutting plane defined by the workpiece and tool tip.*

109075. G. C. Westmacott. Railway train with optimum continuous buffer pressure damping. (27th January 1966). Accepted on 24th October 1968.

*Wherein payload carriages incorporate 3-point triangular support and are dynamometrically held pressed between its front and rear locomotives to a buffer pressure which on curved tracks can vary upto a preferred maximum of 2.72 tons.*

- 109100 *Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A.* Process and installation for the industrial production of spinnable acrylonitrile-based polymers. Accepted on 30th October 1968.

*Characterised by copolymerising the co-monomers dissolved in dimethyl formamide at a temperature which is progressively increased according to a predetermined sequence, reflux distilling a fraction of the unconverted monomer and dimethyl formamide and finally distilling off the excess.*

- 109107 *The Dunlop Company Limited.* Bonded layered articles containing an interpolymer of ethylene and propylene. Accepted on 29th October 1968.

*Comprises a layer comprising as sole polymer constituent an interpolymer of ethylene and propylene, bonded to a layer comprising a mixture of a highly unsaturated rubber with an interpolymer of ethylene or propylene.*

- 109113 *United States Borax and Chemical Corporation.* Herbicidal compounds and use thereof. Accepted on 29th October 1968.

*Comprises as active ingredient 2-(*w, w*-diethylenedioxyuramido) benzoate or the thioanalogue thereof or a phytotoxic salt of the foregoing and as carrier a solid diluent or a liquid diluent with a surface active agent.*

- 109127 *Imperial Chemical Industries Limited.* Apparatus for burying an elongated explosive charge for seismic prospecting. (7th February 1966). Accepted on 25th October 1968.

*Comprising a plough member adapted to penetrate and to be moved through the upper ground layer of a prospect area, conduit means through which the charge may be fed in a continuous manner into said opening as the plough member is moved.*

- 109128 *The Dunlop Company Limited.* Method of bonding together surfaces of polymeric material having peptide linkages. (10th February 1966). Accepted on 30th October 1968.

*Comprises treating in any known manner at least one of the surfaces to be bonded with a halide, oxyhalide or organohalide of an element of group V B of the periodic table.*

- 109131 *Standard Telephones and Cables Limited.* Method and apparatus for manufacturing electric cables having markings thereon and electric cables so produced. (2nd February 1966). Accepted on 26th October 1968.

*Comprises at least one conductor having a covering of thermoplastic, provided with repetitive pattern of group, of transverse marks.*

- 109180 *Amsons Industries.* Improvement in or relating to constructional elements. Accepted on 28th October 1968.

*Comprising a metal bar of unequal angular section, the shorter web carrying a row of a series of units of space slots or holes, each said unit comprising a combination round slots or holes and oval slots and the wider web carrying two rows of slots or holes, the outer of said two rows having slots or holes same or in the row in the shorter web while the other rows consists of round or oval slots or holes alternating with long slots or holes.*

- 109182 *A. C. Patel.* Improvements in or relating to constructional elements and method of manufacturing the same. Accepted on 1st November 1968.

*Comprising a U-shaped channel section, each flange of which carries one row of one or more units of slots or holes each unit comprising two transversely extending oval slots alternating with two round slots and the web of which section carries 3 rows of one or more units of slots each*

*unit in the first and the last rows comprising round holes while each unit in the middle comprises transversely extending oval slots.*

- 109234 *Ashland Oil & Refining Company.* Phenol aldehyde reaction products and process for preparing the same. Accepted on 30th October 1968.

*Comprises reacting a phenol with an aldehyde in the liquid phase under substantially anhydrous conditions in the presence of a catalytic concentration of a metal ion.*

- 109236 *Veb Fotochemische Werke Berlin.* Improvements in and relating to the preparation of auxiliary layers for photographic materials prepared of synthetic polymers (4th November 1966). Accepted on 26th October 1968.

*Comprises in homogenising an acrylic acid copolymer dispersion with a solution of polyvinyl alcohol or dispersion of low molecular weight carbinol and one more specified additive and applying the same in a known manner.*

- 109285 *Catalysts and Chemicals, Inc.* Production of hydrogen (16th March 1966). Accepted on 1st November 1968.

*Comprises in having two catalytic shift conversion zones in series one operating above 650°F and the other above 600°F.*

- 109335 *Combustion Engineering Inc.* Apparatus for minimizing air pollution. Accepted on 26th October 1968.

*Comprising a furnace, an air preheater air supply means, first conduct means, a wet scrubber, second conduct means, third conduct means.*

- 109507 *Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning.* Process for pad dyeing and printing of mixtures of cellulose fibres and fibrous materials of linear polyesters. (Accepted on 30th October 1968).

*Comprises applying to the fibrous materials padding liquor or printing paste containing a mixture of reactive dyestuff and dispersion dyestuff and as fixing agent mixture consisting of an alkali metal bicarbonate and a free weak acid or a compound having a weakly acid reaction and fixing the dyeings or printings at temperature from above 100 to 250°C.*

- 109528 *Unroyal, Inc.* formerly known as United States Rubber Company. Improvements in thiazole derivatives. Accepted on 30th October 1968.

*Characterises in reacting an  $\alpha$ -haloacetoacetamide with a thiourea or thioamide in water or inert organic solvent and recovering the carboxamide thiazole by adding a base.*

109570. *S. A. Des Etablissements Roure-Bertrand Fils & Justin Depont.* Process for the manufacture of unsaturated alcohols. Accepted on 1st November 1968.

*Comprises treating corresponding epoxide compound with an organo aluminium compound and the reaction product is hydrolysed.*

- 109733 *Diamond Shamrock Corporation.* A corrosion-inhibiting, bonding coating composition and method of applying the same on to metal surfaces. Accepted on 30th October 1968.

*Comprises a volatile solvent being dissolved in a composition containing (A) chromic acid in concentration of between 1 and 400 grams per liter and (B) an organic component which is at least 60% by weight of at least one aliphatic compound selected from straight or branched chain dicarboxylic acids and the remainder being a polyfunctional organic compound selected from the group of (1) aliphatic keto carboxylic acid (2) unsaturated aliphatic carboxylic acid (3) drying oils (4) succinimide (5) acrylamide and (6) aspartic acid.*

109859. Gosudarstvenny Institut Po Proektirovaniu I Issledovaniju Vzryvobezopasnogo Elektrooborudovaniya "Giproniselektroshakt". Mobile distribution box for controlling electric motors of machines and mechanisms in explosion-hazardous premises. Accepted on 25th October 1968.
- Comprises quick opening covers, the equipment being placed in removable units each containing a set for controlling one or several current utilization devices and installed in enclosures one per each shell, all enclosures being mechanically inter-connected as intercommunicating through ports for accommodating connecting wires and bushings, an inter-locking disconnecter mounts an automatic circuit breaker.*
109875. D. S. Dahanukar. Improvements in or relating to one piece safety razor. Accepted on 30th October 1968.
- Consisting of a presser plate with a pair of spaced slots formed in a line in its middle, one shorter side being hingeable mounted to blade holder plate carrier a pair of spaced projections in a line in its middle, a handle means formed integral with bottom side of the blade holder.*
109971. Norris Filters Limited. Filter units for fluids and filter packs containing such filter units. (30th March 1966). Accepted on 30th October 1968.
- Plate like filter element with an aperture therethrough and a correspondingly apertured plate like spacing element with plurality of projections upstanding from opposite surfaces thereof.*
110044. Uralsky nauchno-issledovatel'skiy i proektny institut stroitel'nykh materialov. A method for manufacturing metal silicate members of pipe-lines. Accepted on 29th October 1968.
- Characterized in that the metal jacket prior to filling with silicate member is preheated and after pouring out the remainder of the melt the product thus obtained is subjected to thermol treatment under annealing conditions depending upon the chemical composition of the silicate layer.*
110201. P. R. Mallory & Co., Inc. Improvements in or relating to the bonding of an electrically conductive metallic material to an inorganic insulative material. Accepted on 30th October 1968.
- Said materials being bonded together by the passage of electric current from said electrically conductive material to said insulative material, said electrically conductive material being in molten condition and said insulative material heated to a slightly conductive condition.*
110213. Georg Fischer Aktiengesellschaft. Feeler lever for a hydraulic copying control. Accepted on 14th October 1968.
- A feeder lever for a hydraulic copying control for machine tools, with a copying control valve member arranged on the copying carriage for controlling the lates in conformity with at least one template.*
110268. Indian Jute Industries' Research Association. A process for treating jute for imparting improved light fastness. Accepted on 18th October 1968.
- By subjecting the jute to the action of one of the groups comprising aqueous solution of acid hypochlorite, aqueous solution of chlorine moist chlorine gas, extracting the so chlorinated jute with alkali and then rinsing with water.*
110270. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. New water-soluble basic monoazo dyestuffs and process for preparing them. Accepted on 26th October 1968.
- Comprises in (a) coupling a diazonium compound of a quaternary amine with a coupling component or (b) treating a monoazo dyestuff with a quaternizing agents.*
110303. J. R. Geigy A. G. Process for the production of heavy metal-containing formazane azo dyestuffs. Accepted on 20th October 1968.
- Characterizing in coupling the diazo compound of an amine of appropriate formula with a coupling component of appropriate formula to form a formazane azo dyestuff and subsequently reacting the formazane azo dyestuff with agents introducing heavy metal to form the same dyestuff.*
110309. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing and printing of synthetic textile materials. (2nd January 1967). Accepted on 22nd October 1968.
- Characterizes in that the textile material is treated in a first stage with the substantially water-insoluble enol- or phenol-complex compound of copper, nickel, zinc, or cobalt and then in a second stage with the pyrrolenine.*
110379. Vsesojuzny nauchno-issledovatel'skiy institut burovoi tekhniki. Hydraulically operated packing cup for plugging wells. Accepted on 25th October 1968.
- Composed of separate sections longitudinally abutting one another the sections having a passage extending longitudinally therethrough, said sections being connected to one another by elastic tubes placed inside said passage.*
110381. Kolomensky Zavod Tekstilnogo Mashinostroenia. A socket for spindles used in the textile industry. Accepted on 24th October 1968.
- Characterised in that it consists of upper and lower component parts, centered one relative to another and each provided with a fitting place where the fits are made to accommodate upper and lower bearings.*
110401. Imperial Chemical Industries Limited. Polythene compositions. (11th May 1966). Accepted on 25th October 1968.
- Containing from 0.01% to 15% of a polymer of propylene as a nucleating agent with one or more aliphatic, cycloaliphatic or aromatic acids or a salt or anhydride of such acids.*
110403. Esso Research and Engineering Company. Process for preparing structural elements from finely divided aggregate and a binder and product thereof. Accepted on 26th October 1968.
- Intimately admixing a finely divided aggregate with bituminous binder, compacting it by pressure and curing in oxidizing atmosphere in temperature range of 250-500°F from 2 to 80 hours and contacting said aggregate with a hydrophobic amine.*
110414. Roto-Finish Limited. Improvements in or relating to the surface treatment of workpieces. Accepted on 28th October 1968.
- Characterized in that the media is maintained in movement by imparting to it a rapid rotation about a vertical axis, so that the media flows outwardly and upwardly, and by retaining the media inwardly and downwardly above the outwardly flowing stream, so that the mass of media assumes a toroidal form with individual particles of the media travelling helically around the toroid.*
110430. Commonwealth Scientific and Industrial Research Organization, and Western Titanium N. L. Production of anosovite from titaniferous minerals. (29th April 1966). Accepted on 28th October 1968.
- In which the mineral is preheated between 950°C and 1320°C, thereafter heating the product at 1130°C.*
110458. Council of Scientific and Industrial Research. Vertical shaft kiln. Accepted on 28th October 1968.

- Comprising a feeder for feeding green nodules into a conical drying and sintering zone, a cooling zone, a rotary discharging grate and a discharge chute, the conical drying and sintering zone has an inclination between 5—10° from the vertical*
- 110503 M & T Chemicals Inc Process for electroplating nickel and aqueous electrolytic bath for the same Accepted on 1st November 1968
- Comprises elect plating nickel from an aqueous nickel electroplating bath containing (a) as a first primary brightener a water soluble acetylenic compound and (b) a second primary brightener.*
- 110547 B K Nevatia Stapleless stapling machine Accepted on 28th October 1968
- Comprising two sets of longitudinal metallic plates inside a longitudinal metallic plastic housing, placed parallel alternatively by means of a roller passing through a projected part of each of the parallel plates, a handle is fitted outside the metallic housing*
- 110620 C Amratil Improvements in or relating to food carriers Accepted on 29th October 1968
- A collapsible strap adapted to receive therebetween a series of food containers characterised in that the bottom of each container is depressed and is narrower so as to form a narrower flange, adapted to rest over the upper rim of lower container.*
- 110662 The English Electric Company Limited Improvements relating to reversible pump turbines (20th May 1966) Accepted on 24th October 1968
- Vane closure programme consists of a first phase during which the vanes are moved relatively quickly towards their closed positions, but do not completely close, a second phase during which they are at least partially re opened and a third phase during which the vanes are moved towards their closed positions.*
- 110786 Libbey—Owens—Ford Glass Company Apparatus for bending glass sheets Accepted on 1st November 1968
- Characterized in that said mold comprises a porous permeable member having minute, tortuous pores therethrough a contoured shaping surface formed on said member and means for introducing and aeriform fluid under pressure into said member, to form a thin quiescent film of fluid on said shaping surface to act as, a separation medium between said shaping surface and surface of glass sheet*
- 110805 Council of Scientific & Industrial Research A process for conferring on cellulose textiles properties of improved resistance to abrasion and tear Accepted on 31st October 1968
- Textiles is impregnated with an organic solvent solution/aqueous dispersion of higher fatty acids or their condensation products, dried and treated with aqueous alkali.*
- 110841 G Ruud Method and apparatus for mechanical aeration of stacks of cardboard, paper or other sheet material Accepted on 1st November 1968
- Comprising a horizontal or substantially horizontal bar and lifting member which consists one or more bars which extend parallel to the lower edges of the sheets and which may be moved in direction transverse of the sheet*
- 110897 Moteurs Drouard Electromagnetic rotary machine Accepted on 28th October 1968
- Comprising a stator whose assembly of magnetic lamination is maintained between two lateral collars of U shaped section interconnected by outer stays constituting ventilating passages.*
- 110912 Uniroyal, Inc Improvements in vulcanization of ethylene propylene—cyclic diene terpolymer rubber and a vulcanizable composition suitable for use in pneumatic tire Accepted on 31st October 1968
- The improvement comprises in using sulphur in an amount such that the ratio of parts by weight of sulphur per 100 parts of terpolymer to mole % of diene is from 1.25 to 3.5*
- 111111 R Murmuria Shoe shine kit container. Accepted on 29th October 1968.
- Comprising a first receptacle, for polish, second receptacle for buffing cloth, a dauber, casing*
- 111112 The Zippertubing Co Tubular shield of plastic material Accepted on 28th October 1968.
- Slide strips having sealing means, comprising a beading on one of the said side strips and a track engageable by said beading on the other side strip forming a tubular shield.*
- 111251 Purolator Products, Inc Improvements in or relating to spin-on liquid filter Accepted on 24th October 1968
- Comprises a filter element positioned within the housing with a central axial passage for receiving filtered liquid, the open end of the housing being closed by a cover assembly consisting essentially a reinforcing plate with inlet opening*
- 111266 Castrol Limited Process for preparing oil-soluble compounds and lubricating compositions containing the same (28th June 1966). [Addition to No. 103345] Accepted on 31st October 1968
- Polymerising a compound containing a polymerisable aziridine ring with sulphurous acid and reacting the polyalkylene polyamine so produced with a long chain carboxylic acid or anhydride. A lubricating composition containing said compound*
- 111292 Binder & Company Sealing means for conveyor belt rollers Accepted on 26th October 1968
- Comprising a sealing member fixedly secured on the roller axle and having an internal profile which cooperates with a member revolving together with the roller to form a labyrinth.*
- 111314 Tsentralny Nauchno Issledovatel'sky I Proektiro-Konstruktorsky Kholodil'nitsy Institut Im. I. I. Polzunova Furnace for obtaining sulphur dioxide Accepted on 26th October 1968.
- Characterised in that tangential nozzles for the delivery of air used in the furnace have at least one longitudinal partition and a register closing one of the channels of the nozzle*
- 111326 C Dixit and B Sharma, Non ionic surfacants from cashew nut shell liquid Accepted on 31st October 1968
- Comprises incorporating an alkylene oxide in the phenolic constituents or their derivatives, as obtainable from cashew nut shell liquid, bhilawan nut shell liquid and/or urushiol*
- 111516 Wilmot-Breeden Limited Improvements in or relating to door latches (15th July 1966) Accepted on 29th October 1968
- Has a recessed body and a latch member having a peripheral notch for engagement with a striker*
- 111611 The Dunlop Company Limited Improvements in or relating to the casting of moulded articles (23rd July 1966) [Addition to No 113942] Accepted on 24th October 1968
- Comprises feeding to the mould curable casting material from which a part at least of the article is to be cast varying an optical property of the composition of the casting material during casting*



111747. Imperial Chemical Industries Limited. Process for the manufacture of water-soluble reactive metal complex azo dyestuffs suitable for colouring cellulose textile materials. (15th August 1966). Accepted on 31st October 1968.

*Reacting a chloroethylsulphonyl, vinylsulphonyl or  $\beta$  sulphatoethyl sulphonyl substituted amines with a metal complex azo compound containing one atom of cobalt or chromium in complex union with two molecules of an azo compound.*

111766. Celanese Corporation. Production of cigarette filter tips. Accepted on 29th October 1968.

*Comprising two-gripping means having first and second elongated rolls, mountings for the rolls, means for resiliently urging one of the rolls, guide means including a stationary and cooperating movable guide elements and antifriction means.*

111791. Franz Plasser Bahnbaumaschinen. Track tamping and straightening machine. Accepted on 28th October 1968.

*Characterised by a frame carrying at least one track tamping tool unit and connected to a chassis frame having at least two travel mechanisms or axles or the like between which axles the track straightening tools are arranged.*

111866. Celanese Corporation. Polymer composition. Accepted on 31st October 1968.

*Comprising oxymethylene polymer carbon black and an acid acceptor.*

112230. Compagnie De Saint-Gobain. Thermal insulating materials. Accepted on 31st October 1968.

*Comprising mineral fibres, synthetic resin binder and refractor filler among the fibres, proportion of the filler increases towards the surface.*

112323. BP Chemicals (U.K.) Limited. Process for the production of caprolactam. (20th October 1966). Accepted on 31st October 1968. 1, 1'-peroxydicyclohexylamine is brought in contact with an alkali metal hydroxide and an alkanol.

112520. Olin Mathieson Chemical Corporation. Copper base alloys and process for preparing same. Accepted on 18th October 1968.

*Providing a copper base alloy containing .01 to 0.50% by weight of a group V element, and from 2.0 to 25.0% by weight of two element with the ratio of the first to second elements being for .03:1 to 10:1, heating the alloy in oxidising atmosphere for 1 minute at 180—850°C.*

112581. S. D. Kulkarni. Improvements in or relating to delivery control valve assembly for centrifugal pumps. Accepted on 26th October 1968.

*Consisting of a flanged elbow type casing, control panel, gland and packing with necessary fitting arrangements and a lever to operate the control panel capable of setting to any desired position for controlling the discharge.*

112701. The Gillette Company. Strip curvature sensing apparatus. Accepted on 31st October 1968.

*Two spaced strip support elements, whose surfaces defining a reference plane, means holding said strip material in engagement with support elements, and a gauging assembly for sensing the deviation.*

112817. Halcon International, Inc. Process for continuous oxidation of hydrocarbons. Accepted on 31st October 1968.

*Comprises oxidising the hydrocarbon with molecular oxygen in liquid phase in separate series connected oxidation stages in presence of boron adjuvant.*

113433. J. Zimmer. Improvements in or relating to a screen printing machine. Accepted on 31st October 1968.

*Characterised in that means for selectively receiving flat screens or rotary screens and with a driving system which can be adjusted.*

113826. Klockner & Co. Method of manufacturing cast iron with spheroidal graphite. (10th November 1967). Accepted on 25th October 1968.

*Characterised in that a granular magnesium asfer alloy containing 10 to 20% magnesium, 8 to 18% calcium, up to 45% silicon and the remainder being iron in continuously introduced into the molten stream of iron from a feed pipe arranged co-axially with the discharge outlet.*

113844. Shell Internationale Research Maatschappij N. V. Process for the manufacture of copolymers of vinyl chloride and olefins. (2nd January 1967). Accepted on 31st October 1968.

*Copolymerising of 5—70 kg/cm<sup>2</sup> abs pressure, 5—95°C and pH of 3—11 in aqueous suspension, olefinic hydrocarbon during 80% of reaction time being from 0.5—50 mol % of total monomers, fluctuation being of upper limit A and lower limit B, B/A from 1 to 1.5.*

113965. The Dow Chemical Company. Tantalum patch for covering resin-filled breaks in glass lining. Accepted on 1st November 1968.

*Characterized in that the patch is provided with a flange with presents a composite working surface.*

114297. The Battelle Development Corporation. Improvements in or relating to orates. Accepted on 26th October 1968.

*Comprising in combination radially directed diverter means with spaced apart radially directed openings 1 retarder plate means inclusive of radially directed side edges, pusher bar means mounted on a central pivot and extending radially outwardly mounted on the retarder plate means.*

114430. Vereinigte Österreichische Eisen-Und Stahlwerke Aktiengesellschaft. Roll drive for rolling mills. Accepted on 31st October 1968.

*Characterised in that the driven gear element is hollow and is connected to the socket of the spindle, by joining means provided at a distance from the axis of the gear element.*

114575. Glanzstoff A. G. Process for the production of a linear polyurethane. (24th November 1967). Accepted on 31st October 1968.

*Forming pre-adduct having terminal NCO-groups by reacting a macrodial with diisocyanate and further reacting the pre-adduct with a mixture of chain extenders comprising one or more diamines and/or hydrazine and/or hydrazine derivative and aliphatic monoaminohydrox compound.*

114683. F. Rey. Improvements in or relating to devices for leading products into a fixed or movable tank, container or the like. Accepted on 28th October 1968.

*Movable loading member consisting of a harrow carrying spindles needles or teeth suspended from the upper portion of a container and to which a continuous movement along a closed circuit is imparted.*

114766. Universal Oil Products Company. Improved process for aromatic alkylation. Accepted on 31st October 1968.

*In a process for alkylating an aromatic compound with an olefin in presence of an unreaction vapor diluent the improvement comprises passing the total effluent after reaction into a rectified flash zone and separating a liquid phase and a vapor phase—the liquid phase consists of alkylated aromatics mainly while the vapor phase is in diluent with unalkylated aromatics.*

114776. Banton Pumps (India) Private Limited. Improvements in or relating to valves and the like. Accepted on 29th October 1968.



*Valve body having a flow passage, a bonnet provided for the said valve body, a member accommodated in said bonnet and valve body and a gate comprising a plug having a sealing surface.*

114956. Uniroyal Englebert France. Apparatus for applying a layer of rubber veneer material to a sidewall of a tyre carcass. Accepted on 31st October 1968.

*Apparatus for applying a layer of rubber veneer material to a sidewall of a tyre carcass, comprising steps of leading the strip of material into contact with sidewall, rotating the tyre carcass, pressing the strip against carcass and cutting the strip in the region of sidewall.*

115096. Joseph Lucas (Industries) Limited. Machine for stripping an insulating sheath from an electric cable. (28th March 1967). Accepted on 30th October 1968.

*Comprising a gripping mechanism for the cable, a movable carriage, a pair of co-acting cutter and actuating means to operate the cutter to cut the sheath and to move the carriage from the gripping mechanism.*

115097. Joseph Lucas (Industries) Limited. Machine for crimping an electrical connector to an electrical cable. (28th March 1967). Accepted on 30th October 1968.

*Comprising a cable gripping mechanism an anvil supporting the connector and a hammer actuated between two adjustable limit positions for crimping the connector to the cable.*

115098. Joseph Lucas (Industries) Limited. Machine for securing and electrically connecting an electrical cable to an electrical connector. (28th March 1967). Accepted on 30th October 1968.

*Comprising a cable gripping mechanism, an automatic cable insulation stripping mechanism and a means for automatically crimping a connector to the exposed core of the cable gripped.*

116143. Esso Research and Engineering Company. Improved filler material for acetylene cylinders. Accepted on 26th October 1968.

*Filler composition for use in acetylene cylinders containing major ingredient expanded perlite.*

116260. Aktiebolaget Svenska Kullagerfabriken. Rolling bearing unit. Accepted on 29th October 1968.

*A bearing unit comprising having bearing housing circular bearing seat a rolling bearing characterised in that one or both sides of the said rolling bearing being covered by a sealing plate fixed in a suitable manner to the outer race of the bearing.*

116418. United States Borax and Chemical Corporation. Preparation of herbicidal uramidobenzoic acids and derivatives. [Divisional date 31st January 1967] Accepted on 29th October 1968.

*Comprises in reacting phosgene or thiophosgene with (a) morpholine or thiomorpholine and (b) an anthranilate and converting it necessary to ammonium, amine alkali metal salts or higher esters.*

116558. Thorium Limited. Improvements in or relating to the separation of rare earth values from a mixture. [Divisional date 25th January 1967]. Accepted on 25th October 1968.

*Characterizes in that one of the solvents contains a tertiary branched-chain carboxylic acid.*

117386. M & T Chemicals Inc. Process for preparing organotin mercapto compounds. [Divisional date 21st March 1967]. Accepted on 31st October 1968.

*Dithiyltin dichloride is reacted with sodium sulfide and resulting product is reacted with benzoyl chloride.*

- 117669 S K. Karanjia. A cap or closure for a container sealed at its mouth-end. [Divisional date 27th March 1967]. Accepted on 26th October 1968.

*Inner face of the crown of a cap are provided with a projecting device for puncturing the sealed mouth end.*

117830. E. I. du Pont de Nemours and Company. Novel  $\alpha$ -ureidooxycarboxylic acids, their salts and esters and methods of preparing same. [Divisional date 20th January 1967]. Accepted on 22nd October 1968.

*Comprises in reacting an isocyanate acid or isocyanate with an  $\alpha$ -aminooxy acid ester and converting the product it desired to acid or metal salts.*

### Opposition Proceedings

(1)

An opposition has been entered by Tea Research Association to the grant of a patent on Application No. 88117, made by The Kanan Devan Hills Produce Company Limited.

(2)

An opposition has been entered by Muthuswami Ramalingam and Deivayanai to the grant of a patent on application No. 106778, made by The Best Rubber Stamp Mfg. Co.

### Patents Sealed

103067, 104626, 105551, 105691, 105730, 105823, 106152, 106220, 106245, 106261, 106411, 106455, 106463, 106600, 108008, 108072, 108235, 109673, 110631, 110917.

### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Aluminium Laboratories Limited, a Company incorporated under the laws of the Dominion of Canada, of 1 Place Ville Marie, Montreal, Quebec, Canada, Manufacturers, seek leave to amend the description in the specification in respect of the patent application No. 95387. Any person desirous of opposing the application for amendment should at any time within the three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Reckitt & Colman (Overseas) Limited, a British Company, of Dansom Lane, Hull, Yorkshire, England, seek leave to amend the description and claims in the specification in respect of the patent application No. 98418. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower, Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that N. V. Philips' Gloeilampenfabrieken, a Limited liability company organized and established under the laws of the Kingdom of the Netherlands, of Emmasingel 29, Eindhoven, Holland, seek leave to amend the description in the specification in respect of the patent application No. 108357. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

## (4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Chemokomplex Vigyipari Gep-Es Berendezes Export-Import Vallalat, of 64, Nepkoztarsasag Utja, Budapest VI. Hungary, a Hungarian citizen, seek leave to amend the description and claims in the specification in respect of the patent application No. 108626. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, given notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, or payment of the usual charges.

## (5)

The amendment proposed by Soletanche in respect of Patent application No. 99116 as advertised in the Gazette of India, Part III, Section 2, dated the 13th July 1968 has been allowed.

## (6)

The amendment proposed by McDowell Wellman Engineering Company in respect of Patent application No. 108476 as advertised in the Gazette of India, Part III, Section 2, dated the 13th July 1968 has been allowed.

## (7)

The amendment proposed by Hi-Shear Corporation in respect of Patent application No. 109529 as advertised in the Gazette of India, Part III, Section 2, dated the 29th June 1968 has been allowed.

## Renewal Fees Paid

50614. 50652. 50785. 50795. 50850. 53041. 53047. 53181.  
53186. 53242. 53243. 53484. 55317. 55721. 55811. 55828.  
55861. 55864. 55933. 55996. 56169. 56299. 56555. 57536.  
58404. 58405. 58897. 58985. 58986. 58987. 59059. 59158.  
59238. 59271. 60216. 60660. 60787. 60881. 60882. 60883.  
60884. 60894. 60895. 62154. 62174. 62187. 62203. 62216.  
62242. 62243. 62317. 62342. 62350. 62384. 62429. 62454.  
62508. 62509. 62525. 62526. 62527. 62557. 62601. 62627.  
62637. 62638. 62717. 63064. 65725. 65826. 65835. 65858.  
65936. 65992. 66104. 66580. 67579. 69544. 69545. 69565.  
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69886. 69914. 70002. 70004. 70009. 70139. 70164. 70177.  
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72938. 73534. 73877. 73889. 73975. 73994. 74030. 74058.  
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90946. 90988. 90999. 91019. 91031. 91072. 91080. 91090.  
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96656. 96659. 96674. 96677. 96682. 96687. 96707. 96715.  
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96794. 96804. 96835. 96852. 96855. 96888. 96935. 97017.  
97034. 97035. 97043. 97045. 97047. 97080. 97081. 97150.  
97175. 97177. 97178. 97197. 97199. 97240. 97387. 97604.  
97613. 97643. 97645. 97646. 97647. 97648. 97649. 99546.  
102305. 102335. 102377. 102378. 102456. 102655. 103149.  
104238. 105509.

## Restoration Proceedings

An order has been made on the 12th August 1968 restoring the Patent No. 88257, dated as of the 4th June 1963 granted to Mukul Das for "electric spark discharge machine for making dies by erosion of metal".

## Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 133941. Ralph Morgan, a British subject, 9, Mount Row, London, W. 1, England, "A hand tool primarily for use as a trowel", January 9, 1968. (U.K.).

Class 1. No. 132811. The Standard Batteries Limited, An Indian Company Registered under the Indian Companies Act, 1913, Vakola, Santa-cruz, Bombay-55, Maharashtra, India, "Motor car", January 18, 1968.

Class 1. No. 132812. The Standard Batteries Limited, An Indian Company Registered under the Indian Companies Act, 1913, Vakola, Santa-cruz, Bombay-55, Maharashtra, India, "Scooter", January 18, 1968.

Class 1. No. 132813. The Standard Batteries Limited, An Indian Company Registered under the Indian Companies Act, 1913, Vakola, Santa-cruz, Bombay-55, Maharashtra, India, "Platform truck", January 18, 1968.

Class 1. Nos. 133032 and 133033. Chillange Sivajee Rao, Hanumanulapet, Vijayawada 3, Andhra Pradesh, India, an Indian, "Clothes hanger", February 7, 1968.

Class 1. No. 133034. Siyaram-Kumar Engineering Works, Private Limited, 20-B, Najafgarh Road, New Delhi-15 (a company incorporated under the Indian Companies Act), "Jack", February 7, 1968.

Class 1. No. 133041. Ramrao Ganpatrao Chaudhari, Ramchandrapuram, Hyderabad-32, Andhra Pradesh, An Indian National, "The containers", February 9, 1968.

Class 1. No. 133043. Ajit India Pvt. Ltd., (A Company registered under Indian Companies Act), 408, Himalaya House, Pulton Road, Bombay 1 (Maharashtra), "Glazing Bar", February 12, 1968.

Class 1. Nos. 133054 and 133055. Ratanbharati, a partnership firm registered in India, Ilaco House, 4th Floor, Sir Pherozshah Metha Road, Fort, Bombay-1, State of Maharashtra, India, "A paper-weight", February 12, 1968.

Class 1. No. 133240. V. S. Luthra, Proprietor of Kith De Fair, 1-A, Prahalad Market, Karol bagh, New Delhi-5 (India), Indian, Manufacturers, Exporters & Importers, "Needle", February 23, 1968.

- Class 1. No. 133266. Technical Instruments Manufacturers (India) Private Limited, (A Company registered under Indian Companies Act), National House, 4, Tulloch Road, Apollo Bunder, Bombay 1, (Maharashtra), "Magnifier", March 1, 1968.
- Class 1. No. 133277. Pithva Engineering Works, 10-B, Anjir Wadi (A), Champsi Bhimji Road, Mazagaon, Bombay-10, Maharashtra, India, Indian Partnership concern, "A folding Hanger", March 4, 1968.
- Class 1. No. 133386. F. Racek & Co., Private Limited, an Indian Company located at 57, Radha Bazar Street, Calcutta-1, West Bengal, India, "Heating container", March 15, 1968.
- Class 1. No. 133387. Raja Toys Co., (An Indian Partnership Concern) 33, Deputy Ganj, Delhi, "Railway line for toy railway vehicle", March 16, 1968.
- Class 1. No. 133389. G. S. Agricultural Engineering Works, Pathankot Road, Vill. & P. O. Nurpur, District Jullundur, Punjab State, An Indian Sole Proprietary concern, "Seed-cum-fertilizer drill", March 16, 1968.
- Class 1. Nos. 133402 to 133407. Elegant Industries Private Limited (A company registered under the Indian Companies Act), Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay 18 (Maharashtra), "Button", March 19, 1968.
- Class 1. No. 133464. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Sunshine Industries, Udyog Bhavan, 250-D, Worli Bombay 18 (Maharashtra), "Necklace" March 26, 1968.
- Class 1. Nos. 133531 and 133532. Rex Auto Products (India), 3060, Bahadur Garh Road Delhi, Indian partnership concern, "Car mirror", April 5, 1968.
- Class 1. No. 133556. Kuldip Singh, N. C. 127, Kot Kishan Chand, Jullundur City, Punjab, Indian Subject, "Table lamp", April 8, 1968.
- Class 1. No. 133654. Necchi Societa per Azioni, an Italian Company, Via Rismondo, 78 Pavia, Italy, "A sewing machine", April 20, 1968.
- Class 1. No. 133685. America Look Company, 3-East Park Road, Karol bagh, New Delhi-5 (India), Indian Partnership Concern Indians, "The cycle lock", April 30, 1968.
- Class 1. No. 133697. Jullundur Trunk House, Clowk Panjeer, Jullundur City, Punjab State, an Indian Partnership Firm, "Sieve", May 2, 1968.
- Class 1. No. 133747. Union Carbide India Limited, 1, Middleton Street, Calcutta 16, West Bengal, India, an Indian Company, "A flash-light", May 4, 1968.
- Class 1. Nos. 133764 to 133769. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay 18, (Maharashtra), "Necklace", May 10, 1968.
- Class 1. Nos. 133770 and 133771. Elegant Industries Private Limited (A Company registered under the Indian Companies Act) Sunshine Industries, Udyog Bhavan, 250-D Worli, Bombay 18, (Maharashtra), "Ear-top" May 10 1968.
- Class 1. No. 133772. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Sunshine Industries, Udyog Bhavan, 250-D Worli, Bombay 18, (Maharashtra), "Finger ring", May 10, 1968.
- Class 1. No. 133773. Elegant Industries Private Limited, (A Company registered under the Indian Companies Act), Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay 18, (Maharashtra), "Button", May 10, 1968.
- Class 1. No. 133803. Press Metal Corporation Private Limited, a Private Limited Company incorporated in India under the Indian Companies Act and having its Office at Marol Naka, Andheri-Kurla Road, Bombay-59, State of Maharashtra, India, "A hot plate-cum-toaster", May 15, 1968.
- Class 1. No. 133804. Press Metal Corporation Private Limited, a Private Limited Company incorporated in India under the Indian Companies Act and having its Office at Marol Naka, Andheri-Kurla Road, Bombay-59, State of Maharashtra, India, "An electrical device for curling hair", May 15, 1968.
- Class 3. Nos. 133056 and 133057. Ratanbharati, a Partnership firm registered in India, Ilaco House, 4th Floor, Sir Pherozshah Mehta Road, Fort, Bombay-1, State of Maharashtra, India "A paperweight", February 12, 1968.
- Class 3. No. 133423. Aurobrite (India) Private Ltd., 408, Himalaya House, Palton Road, Bombay-1, Maharashtra State, India, An Indian Company, "A Bangle", March 19, 1968.
- Class 3. Nos. 132521 and 132523. The Tolbro International, as Indian Partnership Firm, 4, Wilson Road, Ballard Estate, Bombay 1, (Maharashtra), "Comb", December 16, 1967.
- Class 3. No. 132522. Tolbro International, An Indian Partnership Firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Comb-cum-hair lift", December 16, 1967.
- Class 3. No. 132524. Tolbro International, An Indian Partnership Firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Jar", December 16, 1967.
- Class 3. No. 132525. Tolbro International, An Indian Partnership Firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Comb-cum-brush", December 16, 1967.
- Class 3. No. 132697. Plastall Plastic Industries, Indian Firm, Subhash Nagar, Jogeshwari, East, Bombay-60, Maharashtra, "Fans", January 11, 1968.
- Class 3. Nos. 132704 and 132705. Jaggy & Company, 12, Rampart Row, Fort, Bombay 1, Maharashtra State, India, an Indian Company, "A bowl", January 15, 1968.
- Class 3. No. 132941. Tilak Raj Luthra, (Sole Proprietary Concern), "Surgical House", 7-A Block, Bhagirath Palace, Delhi-6, India, Indian, "A Douche tube", January 27, 1968.
- Class 3. No. 133060. M/s. EMT Electrical Industries, an Indian Partnership Firm, Imperial Chambers, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Saucepan handle", February 14, 1968.
- Class 3. No. 133101. G. D. Pharmaceuticals Private Limited, a Private Limited Company duly incorporated under the Indian Companies Act, 1913, 9, Girish Avenue, Calcutta-3, West Bengal, "Pot", February 15, 1968.
- Class 3. No. 133105. Bright Brothers Private Limited, a Company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Containers", February 15, 1968.
- Class 3. No. 133171. Shambhu Bath and Sons Ltd., 25-A, Asaf Ali Road, New Delhi, An Indian Limited Company, "A bottle cap", February 20, 1968.
- Class 3. No. 133267. N. V. Philips' Gloeilampenfabrieken, a limited liability Company organized and established under the laws of the Kingdom of the Netherlands, Emmasingel 29, Eindhoven, Holland "A steam and spray iron", December 18, 1967. (U K.).
- Class 3. No. 133332. Sudhir Khattar, 8, Ludlow Castle, Delhi-6, an Indian National, "Revolving toys", March 11, 1968.
- Class 3. Nos. 13357 to 133519. Aurobrite (India) Private Ltd., 408, Himalaya House, Palton Road, Bombay-1, Maharashtra State, India, an Indian Company, "A head for jewellery", April 3, 1968.
- Class 3. Nos. 133548 and 133549. Bata Shoe Company Private Limited, a Private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta West Bengal, "A sole for footwear", April 8, 1968.

- Class 3. Nos. 133559 to 133567. Suresh Ratilal Nanavati, Indian National, Nanavati Mahalaya, Bruce Street, Bombay-1, State of Maharashtra, India, "Laminated sheets of plastic materials", April 8, 1968.
- Class 3. No. 133606. Jardine Henderson Limited, 4, Clive Row, Calcutta-1, State of West Bengal, India, a Company incorporated in India, "Rotatable spinner for sprayers", April 11, 1968.
- Class 3. No. 133669. R. K. Plastics, an Indian Partnership Firm, 2, Ansley Road, Near Minerva Cinema, Bombay 7, (Maharashtra), "Bangle", April 27, 1968.
- Class 3. No. 133699. Navinchandra Shivlal Shah, Indian National, residing at Anand Bhuvan, 14, Sir Phirozshah Mehta Road, Vile Parle (East), Bombay-57 (AS), State of Maharashtra, India, "Feeding bottles", May 2, 1968.
- Class 3. No. 133700. Amarjit Singh Garewal (An Indian Subject) trading as International Exporter and Importer, 211, Jorbagh, New Delhi, "Heel tips", May 3, 1968.
- Class 3. Nos. 133774 and 133775. Bright Brothers Private Limited, a company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Shopping bags", May 13, 1968.
- Class 3. No. 133776. Bright Brothers Private Limited, a company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Snack trays", May 13, 1968.
- Class 3. No. 133842. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality, "A toy jeep", May 22, 1968.
- Class 3. No. 133843. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality, "A toy tank", May 22, 1968.
- Class 3. No. 133877. The Dunlop Company Limited, A British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", May 28, 1968.
- Class 3. No. 133899. Polee Feb, an Indian Partnership Firm 8-A, Dadyseth Babulnath, Bombay-7, State of Maharashtra, India, "A bottle for dispensing eye drops or the like", June 3, 1968.
- Class 3. No. 133982. Colfax Laboratories (India) Private Limited, Rua 3, Tome, Panjim, Goa, India, an Indian Company, "A container", June 10, 1968.
- Class 3. Nos. 133948 to 133950. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality "A tooth Brush", June 6, 1968.
- Class 4. No. 132533. Tolbro International, an Indian Partnership firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Cream jar", December 19, 1967.
- Class 4. No. 132944. G. C. I. Govil Chemical Industries, Industrial Estate, Aligarh, U.P., an Indian Proprietorship concern, "Bottle", January 29, 1968.
- Class 4. No. 133039. Ramrao Ganpatrao Chaudhari, Ramchandrapuram, Hyderabad-32, Andhra Pradesh, An Indian National, "The containers", February 9, 1968.
- Class 4. No. 133102. G. D. Pharmaceuticals Private Limited, A Private Limited Company dully incorporated under the Indian Companies Act, 1913 9, Girish Avenue, Calcutta-3, West Bengal, "Pot", February 15, 1968.
- Class 4. No. 133761. Parle Bottling Company Private Ltd., Western Express Highway, Chakala, Andheri (East), Bombay 60 (AS), State of Maharashtra, a Private Limited Company incorporated under the Indian Companies Act, "Bottles", May 8, 1968.
- Class 5. No. 133844. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality "A carton", May 22, 1968.
- Class 10. Nos. 132830 and 132831, 132833 to 132855. Bharat Swiss Footwear Co., Pvt., Ltd., 2nd Floor, Merchant Chambers, 41, New Marine Lines, Bombay-1, State of Maharashtra, an Indian Company, "Footwear", January 20, 1968.
- Class 10. No. 133237. Jayesh Plastics, Kundivali Industrial Estate, Plot No. 112, Bombay-67, Maharashtra, Indian Partnership Firm "Chappals", February 22, 1968.
- Class 13. Nos. 133881 to 133888. Shree Sajjan Mills Limited, a public Limited Company, incorporated under the Indian Companies Act, (Bombay Office) 28, Apollo Street Fort, Bombay-1, India and (Registered Office) Ratlam, Madhya Pradesh, India, "Textile goods", May 30, 1968.

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